



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 12341948  
SAU: MSAD 40  
School: Medomak Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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# SUMMARY OF SCORES

Test Date: March 2009

Grade: 8

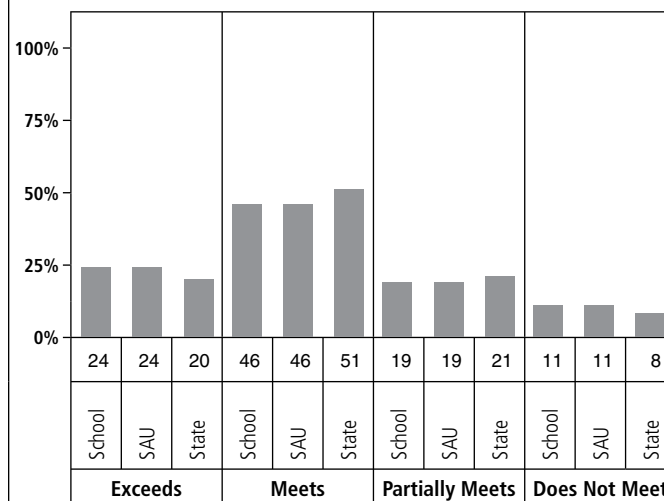
SAU: MSAD 40

School: Medomak Middle School

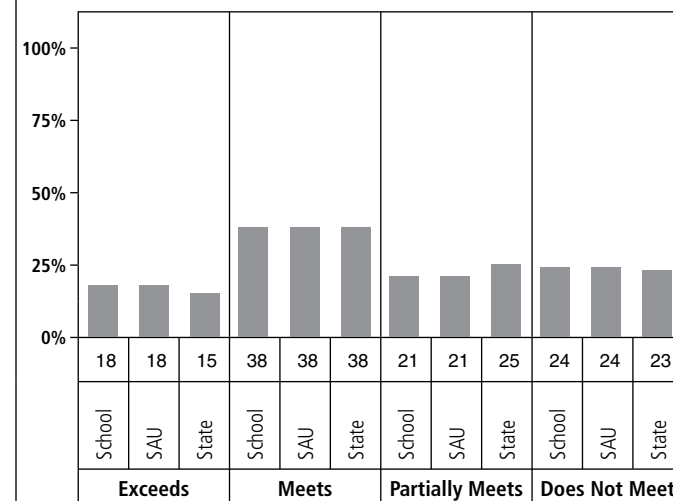
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b> 2006–2007 2007–2008 <b>2008–2009</b> Cum. Avg.*	<b>849</b>	846 847 <b>849</b> 847	847 849 <b>850</b> 849
<b>Mathematics</b> 2006–2007 2007–2008 <b>2008–2009</b> Cum. Avg.*	<b>843</b>	842 839 <b>843</b> 841	842 841 <b>843</b> 842
<b>Science</b> <b>2008–2009**</b>	<b>843</b>	<b>843</b>	<b>846</b>

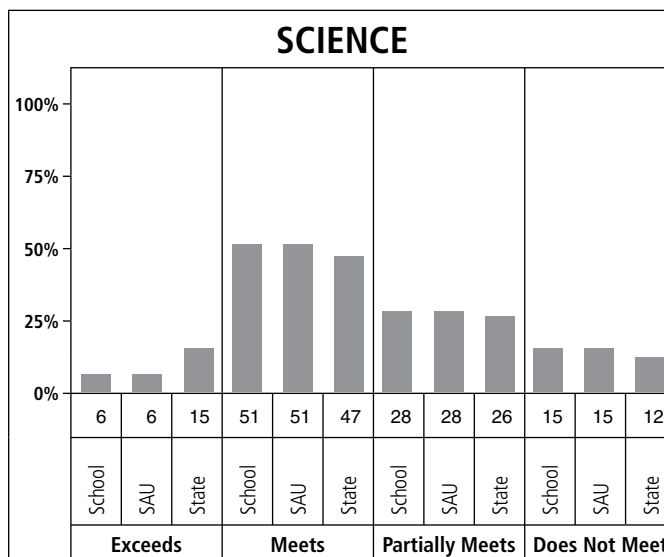
## ELA – READING



## MATHEMATICS



## SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 8  
SAU: MSAD 40  
School: Medomak Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%		%		%		%	
<b>Total number of students</b>	143	100	143	100	14804	100	143	100	143	100	14659	99	143	100	143	100	14653	99	143	100	143	100	14626	99
<b>Ethnicity</b> African American/Black	2	1	2	1	377	3	2	100	2	100	366	97	2	100	2	100	371	98	2	100	2	100	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	2	1	2	1	238	2	2	100	2	100	232	97	2	100	2	100	234	98	2	100	2	100	234	98
Hispanic	1	1	1	1	192	1	1	100	1	100	188	98	1	100	1	100	191	100	1	100	1	100	190	99
Caucasian/White	138	97	138	97	13878	94	138	100	138	100	13756	99	138	100	138	100	13742	99	138	100	138	100	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	25	17	25	17	2489	17	25	100	25	100	2434	99	25	100	25	100	2424	98	25	100	25	100	2418	98
<b>Current LEP</b>	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
<b>Economically disadvantaged</b>	71	50	71	50	5460	37	71	100	71	100	5380	99	71	100	71	100	5377	99	71	100	71	100	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%	
<b>Participation without accommodations</b>	112	78	112	78	12132	82	112	78	112	78	12124	82	112	78	112	78	12169	82
Identified disability (PET/IEP)	2	2	2	2	379	3	2	2	2	2	380	3	2	2	2	2	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	2	2	2	2	200	2	2	2	2	2	200	2	2	2	2	2	202	2
<b>Participation with accommodations</b>	28	20	28	20	2349	16	28	20	28	20	2347	16	28	20	28	20	2288	15
Identified disability (PET/IEP)	20	71	20	71	1877	80	20	71	20	71	1862	79	20	71	20	71	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	1	4	1	4	70	3	1	4	1	4	70	3	1	4	1	4	66	3
Other	8	29	8	29	292	12	8	29	8	29	297	13	8	29	8	29	280	12
<b>Participation through alternate assessment (PAAP)</b>	3	2	3	2	178	1	3	2	3	2	182	1	3	2	3	2	169	1
Identified disability (PET/IEP)	3	100	3	100	178	100	3	100	3	100	182	100	3	100	3	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
<b>Non-participation – other</b>	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 40  
School: Medomak Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007			14	11	2407	16
	2007-2008			29	18	3428	23
	<b>2008-2009</b>	<b>33</b>	<b>24</b>	<b>33</b>	<b>24</b>	<b>2857</b>	<b>20</b>
	Cum. Total*			76	18	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007			69	52	7494	49
	2007-2008			77	48	7179	48
	<b>2008-2009</b>	<b>64</b>	<b>46</b>	<b>64</b>	<b>46</b>	<b>7431</b>	<b>51</b>
	Cum. Total*			210	48	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007			32	24	3628	24
	2007-2008			32	20	2706	18
	<b>2008-2009</b>	<b>27</b>	<b>19</b>	<b>27</b>	<b>19</b>	<b>2979</b>	<b>21</b>
	Cum. Total*			91	21	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007			18	14	1810	12
	2007-2008			23	14	1611	11
	<b>2008-2009</b>	<b>16</b>	<b>11</b>	<b>16</b>	<b>11</b>	<b>1214</b>	<b>8</b>
	Cum. Total*			57	13	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	35.2	62.9	35.2	62.9	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.2	61.0	12.2	61.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	23.0	63.9	23.0	63.9	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 40  
 School: Medomak Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	140	33	24	64	46	27	19	16	11	849	140	24	46	19	11	849	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	2										2						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	2										2						231	28	43	19	10	851
Hispanic	1										1						186	17	48	23	12	847
Caucasian/White	135	31	23	62	46	26	19	16	12	849	135	23	46	19	12	849	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	22	1	5	6	27	5	23	10	45	834	22	5	27	23	45	834	2256	2	25	40	34	834
No	118	32	27	58	49	22	19	6	5	852	118	27	49	19	5	852	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	0										0						324	5	34	36	26	838
No	140	33	24	64	46	27	19	16	11	849	140	24	46	19	11	849	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	69	12	17	32	46	16	23	9	13	847	69	17	46	23	13	847	5277	10	46	29	15	844
No	71	21	30	32	45	11	15	7	10	852	71	30	45	15	10	852	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	841
No	140	33	24	64	46	27	19	16	11	849	140	24	46	19	11	849	14476	20	51	21	8	850
<b>Gender</b>																						
Female	71	23	32	35	49	9	13	4	6	853	71	32	49	13	6	853	7074	25	51	18	6	852
Male	69	10	14	29	42	18	26	12	17	845	69	14	42	26	17	845	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	12	0	0	2	17	7	58	3	25	834	12	0	17	58	25	834	857	9	43	35	14	843
No	128	33	26	62	48	20	16	13	10	851	128	26	48	16	10	851	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	0										0						700	69	30	1	0	867
No	140	33	24	64	46	27	19	16	11	849	140	24	46	19	11	849	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: MSAD 40

School: Medomak Middle School

QUESTIONNAIRE ITEMS	School										SAU						State											
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score						
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%							
<b>How much homework do you do on school nights?</b>																												
A. none	17	0	0	15	65	3	13	5	22	844	17	0	65	13	22	844	8	8	39	29	24	841						
B. less than one hour	51	16	23	28	39	18	25	9	13	847	51	23	39	25	13	847	51	17	53	22	8	849						
C. one to two hours	30	14	34	19	46	6	15	2	5	854	30	34	46	15	5	854	36	24	52	18	5	852						
D. more than two hours	2	2	67	1	33	0	0	0	0	861	2	67	33	0	0	861	5	29	45	18	9	852						
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																												
A. very good	35	15	31	24	50	6	13	3	6	854	35	31	50	13	6	854	31	35	50	11	4	856						
B. good	48	16	24	26	39	14	21	10	15	848	48	24	39	21	15	848	47	16	55	21	7	849						
C. fair	16	1	5	12	55	7	32	2	9	842	16	5	55	32	9	842	18	5	47	33	15	842						
D. poor	1	0	0	1	50	0	0	1	50	844	1	0	50	0	50	844	3	2	39	37	22	839						
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																												
A. The questions on the test match what I have learned in reading class.	37	18	35	24	47	5	10	4	8	854	37	35	47	10	8	854	32	27	54	14	5	853						
B. They match some of what I have learned.	43	11	18	26	43	14	23	9	15	847	43	18	43	23	15	847	52	18	53	22	8	850						
C. They match just a little of what I have learned.	17	3	13	10	43	7	30	3	13	845	17	13	43	30	13	845	12	11	45	29	15	844						
D. There is no match.	3	0	0	3	75	1	25	0	0	847	3	0	75	25	0	847	4	6	34	33	26	838						
<b>How difficult was the reading part of this test?</b>																												
A. more difficult than my regular schoolwork	8	3	27	5	45	1	9	2	18	849	8	27	45	9	18	849	15	13	42	28	17	844						
B. about the same as my regular schoolwork	73	25	25	46	46	21	21	7	7	851	73	25	46	21	7	851	64	19	53	20	7	850						
C. easier than my regular schoolwork	19	4	15	11	42	5	19	6	23	845	19	15	42	19	23	845	22	25	52	16	6	852						
<b>How difficult were the reading passages on this test?</b>																												
A. Most of the passages were more difficult than what I normally read.	4	0	0	3	50	2	33	1	17	838	4	0	50	33	17	838	8	6	34	34	26	838						
B. Most of the passages were about the same as what I normally read.	63	20	23	38	44	17	20	12	14	849	63	23	44	20	14	849	52	14	54	24	8	848						
C. Most of the passages were easier than what I normally read.	33	12	27	22	49	8	18	3	7	851	33	27	49	18	7	851	40	30	53	13	4	855						
<b>How hard did you try on the reading part of this test?</b>																												
A. I tried harder on this test than I do on my regular schoolwork.	42	15	26	24	42	11	19	7	12	849	42	26	42	19	12	849	39	19	50	22	9	849						
B. I tried about the same as I do on my regular schoolwork.	57	15	19	38	49	16	21	8	10	849	57	19	49	21	10	849	54	21	53	19	7	851						
C. I did not try as hard on this test as I do on my regular schoolwork.	1	2	100	0	0	0	0	0	0	869	1	100	0	0	0	869	7	12	46	27	15	845						
<b>How much time do you spend reading at home each day?</b>																												
A. more than one hour	25	11	32	17	50	5	15	1	3	855	25	32	50	15	3	855	19	26	53	15	6	853						
B. 20 minutes to an hour	33	16	35	17	37	7	15	6	13	850	33	35	37	15	13	850	40	25	52	17	6	852						
C. less than 20 minutes	14	2	11	7	37	4	21	6	32	840	14	11	37	21	32	840	15	18	51	21	10	849						
D. I rarely read at home.	28	3	8	22	56	11	28	3	8	847	28	8	56	28	8	847	26	7	50	30	13	844						
<b>How do you feel about the following statement?</b>																												
<b>"My knowledge of reading will be useful to me as an adult."</b>																												
A. strongly agree	44	21	35	25	42	8	13	6	10	853	44	35	42	13	10	853	42	27	51	15	6	853						
B. agree	48	10	15	33	50	15	23	8	12	847	48	15	50	23	12	847	50	15	53	23	9	848						
C. disagree	7	0	0	4	44	3	33	2	22	839	7	0	44	33	22	839	7	8	46	32	14	843						
D. strongly disagree	1	0	0	1	50	1	50	0	0	840	1	0	50	50	0	840	2	6	39	35	21	840						
<b>Optional school/SAU question</b>																												
A.	50	0	0	1	100	0	0	0	0	844	50	0	100	0	0	844												
B.	0										0																	
C.	0										0																	
D.	50	0	0	1	100	0	0	0	0	858	50	0	100	0	0	858												

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 40  
School: Medomak Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007			18	14	1952	13
	2007-2008			14	9	1657	11
	<b>2008-2009</b>	<b>25</b>	<b>18</b>	<b>25</b>	<b>18</b>	<b>2116</b>	<b>15</b>
	Cum. Total*			57	13	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007			51	38	5870	38
	2007-2008			62	39	5956	40
	<b>2008-2009</b>	<b>53</b>	<b>38</b>	<b>53</b>	<b>38</b>	<b>5443</b>	<b>38</b>
	Cum. Total*			166	38	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007			33	25	3982	26
	2007-2008			37	23	3729	25
	<b>2008-2009</b>	<b>29</b>	<b>21</b>	<b>29</b>	<b>21</b>	<b>3556</b>	<b>25</b>
	Cum. Total*			99	23	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007			31	23	3534	23
	2007-2008			48	30	3579	24
	<b>2008-2009</b>	<b>33</b>	<b>24</b>	<b>33</b>	<b>24</b>	<b>3356</b>	<b>23</b>
	Cum. Total*			112	26	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	29.2	52.1	29.2	52.1	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	4.3	53.8	4.3	53.8	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	9.2	57.5	9.2	57.5	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	5.1	42.5	5.1	42.5	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	10.5	52.5	10.5	52.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009

Grade: 8

SAU: MSAD 40

School: Medomak Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	140	25	18	53	38	29	21	33	24	843	140	18	38	21	24	843	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	2										2						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	2										2						233	27	33	20	21	847
Hispanic	1										1						190	8	31	26	34	836
Caucasian/White	135	25	19	51	38	28	21	31	23	844	135	19	38	21	23	844	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	22	1	5	1	5	6	27	14	64	824	22	5	5	27	64	824	2242	2	12	22	63	824
No	118	24	20	52	44	23	19	19	16	847	118	20	44	19	16	847	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	0										0						336	6	18	26	51	829
No	140	25	18	53	38	29	21	33	24	843	140	18	38	21	24	843	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	69	7	10	26	38	18	26	18	26	839	69	10	38	26	26	839	5270	6	30	28	36	835
No	71	18	25	27	38	11	15	15	21	848	71	25	38	15	21	848	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	0										0						5	0	0	40	60	828
No	140	25	18	53	38	29	21	33	24	843	140	18	38	21	24	843	14466	15	38	25	23	843
<b>Gender</b>																						
Female	71	16	23	27	38	16	23	12	17	846	71	23	38	23	17	846	7070	15	39	25	22	843
Male	69	9	13	26	38	13	19	21	30	840	69	13	38	19	30	840	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	12	0	0	3	25	2	17	7	58	825	12	0	25	17	58	825	857	5	25	33	37	835
No	128	25	20	50	39	27	21	26	20	845	128	20	39	21	20	845	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	0										0						700	68	27	3	1	866
No	140	25	18	53	38	29	21	33	24	843	140	18	38	21	24	843	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: MSAD 40

School: Medomak Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	17	2	9	8	35	5	22	8	35	839	17	9	35	22	35	839	8	8	24	24	44	833
B. less than one hour	51	6	8	33	46	15	21	17	24	841	51	8	46	21	24	841	51	12	38	26	23	842
C. one to two hours	30	14	34	12	29	8	20	7	17	848	30	34	29	20	17	848	36	19	40	23	19	845
D. more than two hours	2	3	100	0	0	0	0	0	0	872	2	100	0	0	0	872	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	23	14	44	13	41	3	9	2	6	858	23	44	41	9	6	858	28	33	41	15	11	852
B. good	40	10	18	31	56	5	9	9	16	848	40	18	56	9	16	848	45	11	43	25	21	842
C. fair	31	1	2	7	17	17	40	17	40	830	31	2	17	40	40	830	21	3	27	35	35	834
D. poor	6	0	0	2	25	2	25	4	50	830	6	0	25	25	50	830	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	30	9	22	15	37	9	22	8	20	847	30	22	37	22	20	847	28	23	41	21	15	848
B. They match some of what I have learned.	50	12	17	29	42	13	19	15	22	844	50	17	42	19	22	844	52	13	40	25	21	843
C. They match just a little of what I have learned.	15	3	14	7	33	5	24	6	29	838	15	14	33	24	29	838	16	8	28	30	34	836
D. There is no match.	4	0	0	2	33	1	17	3	50	833	4	0	33	17	50	833	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	23	1	3	16	50	7	22	8	25	839	23	3	50	22	25	839	32	6	34	29	32	837
B. about the same as my regular schoolwork	55	14	18	26	34	16	21	20	26	842	55	18	34	21	26	842	52	13	41	25	20	843
C. easier than my regular schoolwork	21	9	31	11	38	5	17	4	14	851	21	31	38	17	14	851	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	43	12	20	22	37	12	20	13	22	845	43	20	37	20	22	845	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	51	12	17	28	41	14	20	15	22	844	51	17	41	20	22	844	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	6	0	0	3	38	1	13	4	50	833	6	0	38	13	50	833	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	42	12	21	17	29	10	17	19	33	841	42	21	29	17	33	841	34	18	40	22	20	845
B. two or three days a week	41	7	12	26	46	15	26	9	16	843	41	12	46	26	16	843	35	14	38	26	21	843
C. two or three times each month	11	5	33	6	40	2	13	2	13	851	11	33	40	13	13	851	18	12	37	27	24	841
D. never or almost never	6	1	13	4	50	1	13	2	25	847	6	13	50	13	25	847	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	3	2	50	1	25	1	25	0	0	861	3	50	25	25	0	861	9	13	38	23	26	841
B. two or three days a week	5	1	14	3	43	1	14	2	29	844	5	14	43	14	29	844	17	11	37	26	26	841
C. two or three times each month	20	1	4	15	56	7	26	4	15	841	20	4	56	26	15	841	28	15	40	25	20	844
D. never or almost never	72	21	21	34	34	19	19	26	26	844	72	21	34	19	26	844	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	49	15	22	26	39	12	18	14	21	845	49	22	39	18	21	845	52	19	41	22	18	846
B. agree	43	9	15	23	38	12	20	16	27	842	43	15	38	20	27	842	39	11	35	27	27	840
C. disagree	5	1	14	3	43	2	29	1	14	843	5	14	43	29	14	843	6	7	28	26	39	835
D. strongly disagree	3	0	0	1	25	2	50	1	25	837	3	0	25	50	25	837	3	4	25	28	43	832
Optional school/SAU question																						
A.	50	0	0	0	0	1	100	0	0	838	50	0	0	100	0	838						
B.	0										0											
C.	0										0											
D.	50	0	0	1	100	0	0	0	0	852	50	0	100	0	0	852						

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 40  
School: Medomak Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	8	6	8	6	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	72	51	72	51	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	39	28	39	28	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	21	15	21	15	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	30.4	54.3	30.4	54.3	32.0	57.1
<b>D. The Physical Setting</b>	31	55	16.1	51.9	16.1	51.9	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	9.2	54.1	9.2	54.1	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	6.9	49.3	6.9	49.3	7.7	55.0
<b>E. The Living Environment</b>	25	45	14.3	57.2	14.3	57.2	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009

Grade: 8

SAU: MSAD 40

School: Medomak Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	140	8	6	72	51	39	28	21	15	843	140	6	51	28	15	843	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	2										2						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	2										2						230	20	44	23	13	848
Hispanic	1										1						184	9	45	29	16	842
Caucasian/White	135	8	6	70	52	38	28	19	14	844	135	6	52	28	14	844	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	22	0	0	5	23	8	36	9	41	832	22	0	23	36	41	832	2221	3	22	36	38	832
No	118	8	7	67	57	31	26	12	10	846	118	7	57	26	10	846	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	0										0						331	4	20	39	37	832
No	140	8	6	72	51	39	28	21	15	843	140	6	51	28	15	843	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	69	4	6	30	43	23	33	12	17	841	69	6	43	33	17	841	5184	6	40	33	21	840
No	71	4	6	42	59	16	23	9	13	846	71	6	59	23	13	846	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	140	8	6	72	51	39	28	21	15	843	140	6	51	28	15	843	14258	15	47	26	12	846
<b>Gender</b>																						
Female	71	6	8	39	55	17	24	9	13	845	71	8	55	24	13	845	6953	14	47	28	11	846
Male	69	2	3	33	48	22	32	12	17	842	69	3	48	32	17	842	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	12	0	0	1	8	8	67	3	25	832	12	0	8	67	25	832	828	5	35	40	20	839
No	128	8	6	71	55	31	24	18	14	844	128	6	55	24	14	844	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	0										0						699	65	34	2	0	865
No	140	8	6	72	51	39	28	21	15	843	140	6	51	28	15	843	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: MSAD 40

School: Medomak Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	17	0	0	10	43	11	48	2	9	840	17	0	43	48	9	840	8	8	34	28	30	837
B. less than one hour	51	2	3	38	54	18	25	13	18	842	51	3	54	25	18	842	51	14	48	27	11	846
C. one to two hours	30	6	15	21	51	10	24	4	10	848	30	15	51	24	10	848	36	19	48	24	9	848
D. more than two hours	2	0	0	3	100	0	0	0	0	856	2	0	100	0	0	856	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	20	2	7	17	61	6	21	3	11	846	20	7	61	21	11	846	23	27	47	17	8	851
B. good	54	5	7	40	54	20	27	9	12	845	54	7	54	27	12	845	53	15	50	26	10	847
C. fair	22	1	3	13	43	9	30	7	23	840	22	3	43	30	23	840	20	4	43	35	18	840
D. poor	4	0	0	1	20	4	80	0	0	836	4	0	20	80	0	836	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	28	3	8	21	54	8	21	7	18	843	28	8	54	21	18	843	26	20	49	23	9	849
B. They match some of what I have learned.	46	4	6	33	52	18	29	8	13	845	46	6	52	29	13	845	51	14	48	26	11	846
C. They match just a little of what I have learned.	23	1	3	16	50	12	38	3	9	843	23	3	50	38	9	843	18	13	44	28	15	844
D. There is no match.	3	0	0	2	50	1	25	1	25	840	3	0	50	25	25	840	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	34	0	0	26	57	13	28	7	15	842	34	0	57	28	15	842	32	13	45	28	14	844
B. about the same as my regular schoolwork	55	8	11	41	55	17	23	8	11	847	55	11	55	23	11	847	56	15	49	25	11	847
C. easier than my regular schoolwork	11	0	0	4	27	7	47	4	27	834	11	0	27	47	27	834	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	49	3	4	38	56	19	28	8	12	844	49	4	56	28	12	844	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	49	5	7	33	49	20	29	10	15	844	49	7	49	29	15	844	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	1	0	0	1	50	0	0	1	50	835	1	0	50	0	50	835	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	23	3	9	10	31	11	34	8	25	841	23	9	31	34	25	841	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	17	2	8	16	67	4	17	2	8	849	17	8	67	17	8	849	23	17	49	22	12	847
C. the course(s) described in B, plus physics	17	2	9	17	74	4	17	0	0	851	17	9	74	17	0	851	21	31	44	17	7	852
D. a life science and physical science class	43	1	2	29	49	20	34	9	15	841	43	2	49	34	15	841	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	30	6	15	21	51	8	20	6	15	847	30	15	51	20	15	847	27	23	47	20	10	849
B. agree	32	1	2	23	52	13	30	7	16	842	32	2	52	30	16	842	37	14	47	27	12	846
C. disagree	27	0	0	19	51	15	41	3	8	842	27	0	51	41	8	842	25	11	48	29	12	845
D. strongly disagree	12	1	6	9	56	3	19	3	19	844	12	6	56	19	19	844	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	38	5	10	24	46	18	35	5	10	845	38	10	46	35	10	845	31	22	46	22	10	849
B. agree	45	2	3	37	60	12	19	11	18	843	45	3	60	19	18	843	50	14	49	26	11	846
C. disagree	14	1	5	8	40	8	40	3	15	841	14	5	40	40	15	841	14	9	45	31	15	843
D. strongly disagree	3	0	0	3	75	1	25	0	0	849	3	0	75	25	0	849	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	50	0	0	0	0	1	100	0	0	834	50	0	0	100	0	834						
B.	0										0											
C.	0										0											
D.	50	0	0	1	100	0	0	0	0	860	50	0	100	0	0	860						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number